

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-274409

(43)Date of publication of application : 30.09.1994

(51)Int.Cl. G06F 12/00  
G06F 12/16  
G11C 16/06

(21)Application number : 05-050247 (71)Applicant : INTERNATL BUSINESS  
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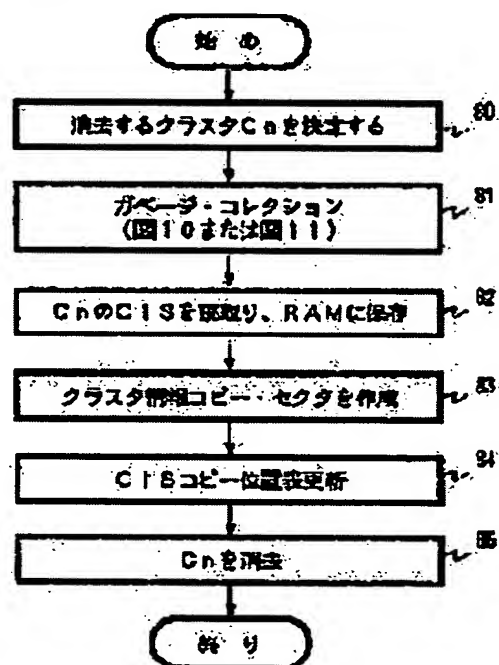
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## (54) BATCH ERASURE TYPE NON-VOLATILE MEMORY

### (57)Abstract:

**PURPOSE:** To enhance resistance against fault like power cutoff, etc., in a semiconductor disk device which uses a batch erasure type non-volatile memory.

**CONSTITUTION:** A batch erasure type non-volatile memory contains plural sectors and attribute information for recognizing their own attribute is written in every sector. As a rule, a cluster information sector is placed at the front position of a cluster to which it belongs. Then, data sector is placed in a data area which is an area except the front position of a cluster. A controller connected to the memory produces a cluster information copy sector in a data area at the time of cluster erasure, reconstitutes cluster management information from the cluster information copy sector and produces a cluster information sector at the time of cluster initialization.



## LEGAL STATUS

[Date of request for examination] 15.06.1993

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]	
[Patent number]	3078946
[Date of registration]	16.06.2000
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	16.06.2004